

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-37. (Cancelled).

38. (Previously presented) A water/air contact medium for use in an evaporative cooler, comprising:

a corrugated fibrous sheet material comprising at least a top layer and a bottom layer in contact at one or more regions to form at least two channels between the top layer and the bottom layer for air and fluid flow; and

a water insoluble thermoplastic compound having a molecular weight of at least 2500 g/mole that impregnates the corrugated fibrous sheet material, wherein the water insoluble thermoplastic compound comprises:

about 5-15 weight percent Polyvinyl chloride,

about 2-8 weight percent Polyacrylonitrile,

about 5-15 weight percent Polymethacrylate,

about 5-15 weight percent Polyamideimide,

about 5-15 weight percent Polybutylacrylate,

about 20-30 weight percent Polystyrene, and

about 25-35 weight percent Polybutadiene,

to inhibit deposition of one or more dissolved or particulate contaminants.

39.-46. (Cancelled).

47. (New) A water/air contact medium for use in an evaporative cooler, comprising:

a corrugated fibrous sheet material comprising at least a top layer and a bottom layer in contact at one or more regions to form at least two channels between the top layer and the bottom layer for air and fluid flow; and

a water insoluble thermoplastic compound having a molecular weight of at least 2500 g/mole that impregnates the corrugated fibrous sheet material, wherein the water insoluble thermoplastic compound comprises:

about 2-8 weight percent Polyacrylonitrile,

about 5-15 weight percent Polymethacrylate,

about 5-15 weight percent Polybutylacrylate,

about 20-30 weight percent Polystyrene, and

about 25-35 weight percent Polybutadiene.